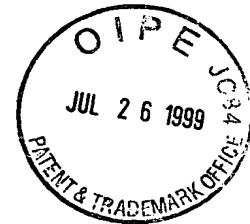


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PATENT



IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE

Applicant(s):

Hansen et al.

U.S. National Phase (35 USC 371)
Application Based on
PCT/IB96/01410 filed December 10,
1996

Serial No.: 09/319,566

Filed: June 9, 1999

For: Double-Bond Shifts of
Substituted (4N)-Annulenes for
Information Storage and Data
Processing

Attorney Docket No.: 27656/35739

Group Art Unit: Not Assigned

Examiner: Not Assigned

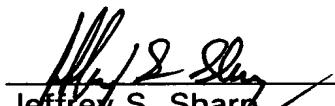
I hereby certify that this paper
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addressed to: Assistant
Commissioner for Patents,
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Jeffrey S. Sharp

Registration No. 31,879
Attorney for Applicant(s)

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The patents and/or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 CFR §§ 1.56, 1.97, and 1.98. Copies of the patents or publications are enclosed as necessary.

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TIME OF FILING

This information disclosure statement is being filed:

- 1. with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or, to the best of the undersigned's knowledge, before the mailing date of a first Office Action on the merits, whichever event occurs last. In accordance with 37 CFR §1.97(b), no certification or fee is required.
- 2. after the time period specified in paragraph 1 above, but, to the best of the undersigned's knowledge, before the mailing date of a final action under 37 CFR §1.113 or notice of allowance under 37 CFR §1.311. Therefore, in accordance with 37 CFR §1.97(c), submitted herewith is:
(check either A or B below)
 - A. a certification as specified in 37 CFR §1.97(e).
 - B. the fee set forth in 37 CFR §1.17(p) for submission of an information disclosure statement under 37 CFR §1.97(c).
- 3. after the mailing date of either a final action under 37 CFR §1.113 or a notice of allowance under 37 CFR §1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant submits herewith:
 - A. a certification as specified in 37 CFR §1.97(e);
 - B. the petition fee set forth in 37 CFR §1.17(i); and
 - C. the accompanying petition under 37 CFR §1.97(d).

CERTIFICATION

(only used if No. 2 or No. 3 above is checked)

The person(s) signing below certify

(check appropriate paragraph)

- that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 CFR §1.97(e)(1).

OR

- that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37

CFR §1.56(c) more than three months prior to the filing of this statement. 37
CFR §1.97(e)(2).

PETITION

(only used if No. 3 above is checked)

- Applicant(s) hereby petition(s) pursuant to 37 C.F.R. § 1.97(d) that this Information Disclosure Statement, Form PTO-1449, and document(s) identified therein be considered.

METHOD OF PAYMENT

- No fee is required.
 Attached is a check in the amount of \$_____.

The Commissioner is authorized to charge any fee deficiency required by this paper, or credit any overpayment, to Deposit Account No. 13-2855. A copy of this paper is enclosed.

Respectfully submitted,

MARSHALL, O'TOOLE, GERSTEIN,
MURRAY & BORUN
6300 Sears Tower
233 South Wacker Drive
Chicago, Illinois 60606-6402
(312) 474-6300

By:

Jeffrey S. Sharp
Reg. No: 31,879

July 22, 1999